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Version with markings to show  
changes made.

IN THE U.S. PATENT AND TRADEMARK OFFICE

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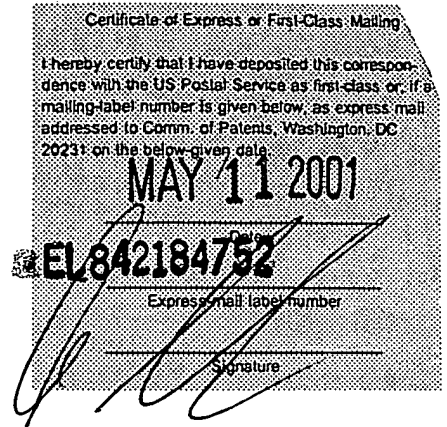
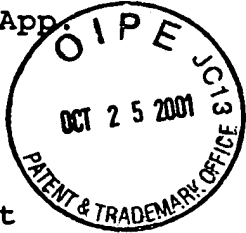
Patent App. 09/388,813

Filed 1 September 1999

For METHOD AND APPARATUS FOR CURRENT MEASUREMENT  
FOR ELECTRONICALLY-CONTROLLED PUMP

Art Unit 2858

Hon. Commissioner of Patents  
Washington, DC 20231



Examiner Nguyen, V

RECEIVED  
JAN 10 2002  
2800 MAIL ROOM

#### SECOND AMENDMENT

In response to the Office Action (paper 10) mailed 23 April 2001, please amend the above-identified application as follows:

#### IN THE CLAIMS

Cancel Claims 1 to 11. Add new claims 13 to 23 as follows --

- 1 13. A method of determining a current draw of a pump
- 2 driven by an electric motor having a power line and a motor-control
- 3 circuit connected to said power line, said method comprising the
- 4 steps of:
- 5 (a) measuring a voltage drop across at least a portion of
- 6 a conductor *in the form of a wire segment* having a definite resistance and connecting said power
- 7 line with said motor-control circuit; and
- 8 (b) calculating said current draw from said voltage drop.